

Converting Colors

Hex(6F7948)

Have a look what the booklet for
Hex(6F7948) contains.

Hex(6F7948)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6F7948)

Conversions

Conversions Part 1

Format	Color
Hex	6F7948
RGB	111, 121, 72
RGB Percent	44%, 47%, 28%
CMY	0.5647, 0.5255, 0.7176
CMYK	0.08, 0.00, 0.40, 0.53
HSL	72°, 25%, 38%
HSV	72°, 40%, 47%
XYZ	14.5626, 17.5221, 8.7455
YIQ	112.4240, 9.7690, -17.3590

Conversions

Conversions Part 2

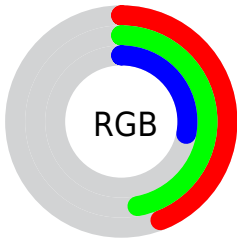
Format	Color
RYB	72, 121, 82
Decimal	7305544
CIELab	48.91, -12.24, 25.62
CIELCh	49, 28.398, 115.534
Yxy	17.5221, 0.3567, 0.4291
Android (android.graphics.Color)	4285495624 (0xFF6F7948)
YUV	112.4240, -19.9290, -1.2488
Hunter-Lab	41.8594, -11.1551, 16.9145

Details

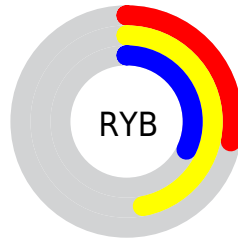
The Hex color **6F7948** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **524879**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A3AD79**, and **3E491B** is the 20% darker color. If you saturate the color by 10%, you get **6D793C**, and if you desaturate by 10%, it is **717954**.

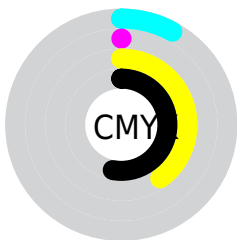
Distribution



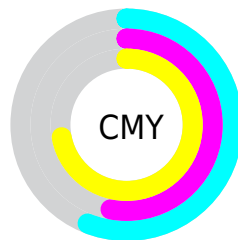
- Red (44%)
- Green (47%)
- Blue (28%)



- Red (28%)
- Yellow (47%)
- Blue (32%)



- Cyan (8%)
- Magenta (0%)
- Yellow (40%)
- Black (53%)



- Cyan (56%)
- Magenta (53%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F7948 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6F7948 by changing the saturation by 10% instead.



6F7948



6F7948

FFFFFF



566031



A3AD79



3E491B



BFC993



283202



DBE5AE



111D00



F8FFCA



000000



FFFFE6



6F7948



6F7948



6D793C



717954



6A7930



747960

■ 687924

■ 76796C

■ 657918

■ 797978

■ 63790B

■ 7B7984

■ 607900

■ 7E7991

■ 80799D

■ 8379A9

■ 8579B5

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



877244



6F7948



537E58

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6F7948



207E9B



A06279

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6F7948



524879

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



8F6790



6F7948



4B78A4

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6F7948



108188



726F9F



A36361

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6F7948



3E8067



726F9F



9C6381

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6F7948



9A9E8B



795248



4D4F44



CFCFCF



4F4F4F

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6F7948



8E9E51



577948



3C3D37



637D00



C9FC00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



524879



60519E



6A4879



38373D



19007D



3400FC

Previews

White Background



This preview shows how the Hex color 6F7948 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

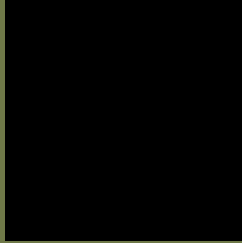
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

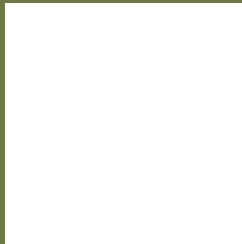
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6F7948 Background



This preview shows how black text looks on a background with the Hex color 6F7948.



This preview shows how white text looks on a background with the Hex color 6F7948.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
6F7948

Protanopia
7F7446

Deuteranopia
8C6F4A



Tritanopia
75737C

Trichromacy



Original Color
6F7948

Protanomaly
797647

Deuteranomaly
817349

Tritanomaly
737569

Monochromacy



Original Color
6F7948

Achromatopsia
707070

Achromatomaly
707361

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F7948 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6F7948 looks like.

```
.text, #text, p{  
    color:#6F7948  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6F7948 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7948
}
```

Border

The CSS property to change the border of an element to Hex 6F7948 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F7948 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6F7948 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6F7948 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7948; -webkit-box-shadow:4px 4px  
4px 4px #6F7948; box-shadow:4px 4px 4px  
4px #6F7948 }
```

Background

The CSS property to change the background color of an element to Hex 6F7948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7948 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6F7948 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor